Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 10 Jan 2021 until 23:59 on Monday 11 Jan 2021

Forecast Issued on Saturday 09 Jan 2021 at 13:20

Confidence: High confidence in general weather patterns until Tuesday then there is a lot of uncertainty in the forecast. Also uncertainty in precipitation type over the next couple of days.

Headline for Sunday 10 Jan 2021: A dull day with a lot of low cloud, outbreaks of light rain, drizzle and snow at times.

Mountain weather hazards on Sunday 10 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG						FOG
Fog	Fog	Drizzle	Drizzle	Dull	Light rain	Drizzle	Fog
Precipitation probability							
20%	20%	20%	20%	40%	60%	60%	60%

Forecast for Sunday 10 Jan 2021

Weather: Remaining cloudy overnight with a few drizzly outbreaks. Quite a dull start to the day with lots of low cloud and some outbreaks of drizzle or light rain, staying wintry at high level. Very little in the way of brightness and feeling very damp and cold. Cloud lifting a little later in the afternoon in the north.

Chance of cloud free mountain/hill tops above 600m: 10% widespread fog, mist and cloud and outbreaks of drizzle and sleet, perhaps more brightness around the dales in the north in the afternoon.

Visibility: Overcast low cloud with bases around 2-300m during the morning will make navigation on the hills quite tricky. Cloud bases lifting in the north to 5-600m but generally quite a claggy day. Visibility will become very poor in outbreaks of sleet and snow.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 10 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/22 SW	14/22 W	15/23 W	12/19 W	16/24 W	19/27 W	19/28 W	19/29 W	21/33 W
300	8/20 W	9/21 W	9/21 W	9/20 W	9/21 W	11/24 W	12/25 W	13/26 W	14/29 W
Valley	3/13 SW	4/13 SW	3/12 SW	5/13 W	7/17 W	9/20 SW	9/21 W	9/22 W	11/25 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	1/-4	2/-4	2/-3	2/-3	2/-4	2/-4	2/-4	2/-5
300	2/-1	3/-1	3/-1	3/-0	4/1	4/-0	4/0	4/-0	4/-1
Valley	3/1	4/2	4/2	4/3	6/3	5/2	5/2	6/2	5/2
Freezing Level*	800m	1100m	1100m	1100m	1000m	1000m	1000m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A dull and overcast winters day and it will feel very cold in the moderate westerly winds. Freezing level lifts to 1000m initiating a slight thaw of lower snow and a general softening of the snow.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 09 Jan 2021	2mm	4.2mm	4.6mm

Forecast for Monday 11 Jan 2021

Weather: Extensive cloud and frontal rain and sleet will push across the area from the northwest. Freezing level rises to above the summits so it will mainly be outbreaks of rain rather than snow, becoming drier later. Southwesterly gales will ease later in the day.

Maximum wind: Southwesterly winds 30-35mph gusts 40-45

Chance of cloud free mountain/hill tops above 600m: 20% lots of low cloud and frontal rain and sleet will make views very unlikely.

Visibility: Extensive low cloud with cloud base quite low perhaps around 3-500m, visibility also very poor in rain and sleet, careful navigation will be required.

Temperature: **Valleys:** Plus 6 Celsius.
At 600m: Plus 1 Celsius.
Freezing level: 1000 rising to 1400m.

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